

As a below named inventor, I hereby declare that:

| AS a Delow Harried IIII of the State of the | | | |
|---|--|--|---|
| My residence, post office address, and citizenship are as stated belo | ow next to my name. | | |
| I believe I am an original, first, and joint inventor of the subject mattinvention entitled DIRECT WRITING OF OPTICAL DEVICES IN SIL LASERS, the specification of which is attached hereto unless the fo | | or which a patent is ING FEMTOSECO | sought on the ND PULSE |
| was filed on as Application Number | and was amended o | n (if applical | ble). |
| I hereby state that I have reviewed and understand the contents of amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) certificate, or § 365(a) of any PCT international application which desired below and have also identified below, by checking the box, at international application having a filing date before that of the application of Frior Foreign Application(s) I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States of the prior designating the United States, listed below and, insofation designating the United States or PCT international application designating the duty to disclose information which is material to a possible between the filing date of the prior application a | patentability as defined in or § 365(b) of any foreign esignated at least one cony foreign application for cation on which priority is States provisional application for end of the cation on which priority is States provisional application for end of the cation in the manner provisional to patentability as defined to patentability as defined the national or PCT in July 2000 Ledge are true and that all ere made with the knowledge are true and the true are true are true and the true are true and the true are true a | 37 C.F.R. § 1.56. In application(s) for untry other than the patent or inventor's claimed. S5(c) of any PCT in each of the claims ded by the first parefined in 37 C.F.R. ternational filing date and the content of the claims ded by the first parefined in 37 C.F.R. ternational filing date and the content of the content o | patent or inventor's e United States, certificate, or PCT Priority Not Claimed ternational of this application is agraph of 35 U.S.C. § 1.56 which te of this application. on information and e statements and the |
| Full name of sole or first inventor (given name, family name): Inventor's signature: Residence: 137 Field Street. Apt. #2, Corning, New York, 14830 Post Office Address: 137 Field Street, Apt. #2, Corning, New York | Alexander Streltsov Date: Citizenship: | | |
| Full name of second inventor (given name, family name): Inventor's signature: Residence: 935 West Water Street, Elmira, New York, 14905 Post Office Address: 935 West Water Street, Elmira, New York | Nicholas F. Borrelli Date: Citizenship: | U.S. | |
| Full name of third inventor (given name, family name): Inventor's signature: Residence: 222 Watauge Avenue, Corning, New York, 14830 Post Office Address: 222 Watauge Avenue, Corning, New Yor | • | U.S. | <u>. </u> |
| Additional inventors are named on separately numbered s | necis allacina norola. | | |

As a below named inventor, I hereby declare that:

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| I believe I am an original, invention entitled DIREC LASERS, the specification | first, and joint invertible. T WRITING OF OF on of which is attacle. | entor of the subject ma PTICAL DEVICES IN S ned hereto unless the | atter which is SILICA-BASE following box | claimed and fo ED GLASS US k is checked: | or which ING FEM | | |
| was filed on | as | Application Number | ano w | as amended c | | (if applicabl | |
| I hereby state that I have | | tand the contents | of the above | identified spec | ification, | including th | e claims, as |
| I hereby state that I have | e reviewed and und | erstand the contents | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | |
| amended by any amend I acknowledge the duty I hereby claim foreign po- certificate, or § 365(a) o listed below and have a international application | to disclose informat riority benefits under f any PCT internation | ion which is material to a 35 U.S.C. § 119(a)-ional application which | o patentabilit (d) or § 365(b) designated | ty as defined in b) of any foreig at least one co application for | i 37 C.F. n applica untry oth patent o | H. § 1.56. ation(s) for p er than the r inventor's (| atent or inventor's United States, certificate, or PCT |
| international application | naving a liling date | beine marer me ap | | • | | | Priority Not Claimed |
| Prior Foreign Applicatio | n(s) | | | | | | 片 |
| 4 <u> </u> | | | | | | | <u> </u> |
| J | | | | | tion(o) li | sted below | |
| Thereby claim the bene 60/14 | fit under 35 U.S.C. | § 119(e) of any Unite | d States prov | visional applica | ((())) | sied below. | |
| 60/14 | 6.274 | 2 | 9 July 1999 | 20 | | | |
| G 60/17 | <u>2,122</u> | | ecember 199 | | ` | | |
| I hereby claim the bene | | a can de la taland (| States applica | ation(s) or § 3 | 65(c) of | any PCT inte | ernational |
| application designating for disclosed in the prise 112, I acknowledge to became available between the control of the control o | or United States of | PCT international apprintermation which is roof the prior application | lication in the | e manner prov | ided by t | he tirst para | graph of 35 0.5.0. |
| | | | | | | onto made o | n information and |
| I hereby declare that a belief are believed to b like so made are punis such willful false state | be true; and fullifier | Hat Hose statement | ndor Section | 1001 of Title | 18 of the | United Stat | statements and the es Code and that |
| fou: Full name of কাহুগো ৰ্মা | 1.1 | | | Schroeder II | 1 | v | |
| i de de elementuros | | | | Date: | | | |
| Residence: 8769 Ste Post Office Address: | vens Road, Lindley 8769 Stevens Ro | <u>r. New York, 14858</u> ad, Lindley, New York | <u>, 14858</u> | Citizenship: | <u>u.s.</u> | | |
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| | | | | | | | |
| Full name of second | inventor (given nam | ne, family name): | | Date: | | | |
| Inventor's signature: | | | | Citizenship: | | | |
| Residence: | | | • | Onizonomp | | | |
| Post Office Address: | | | | | | | |
| | | | | | | | |
| | . (chan nome | family name). | | | | | |
| Full name of third inv | entor (given name, | , tarring riame). | | Date: | | | |
| Inventor's signature: | | | | Citizenship: | | | |
| Residence: Post Office Address | | <i>:</i> | • | - ·- · | | | |
| Additional inve | entors are named or | n separately numbere | d sheets atta | ched hereto. | | | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| APPLICANT(S): | Alexander Streltsov, Nicholas F. Borrelli, Charlene M. Smith, and Joseph F. Schroeder III | | |
|----------------------|--|--|--|
| APPLN. NO: FILED: | Not Yet Assigned Concurrently Herewith | | |
| TITLE: | DIRECT WRITING OF OPTICAL DEVICES IN SILICA- BASED GLASS USING FEMTOSECOND PULSE LASERS | | |

POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Corning Incorporated, One River Front Plaza, Corning, New York, 14831, a New York corporation, the assignee of the entire right, title, and interest in the above-identified U.S. patent application by virtue of an original assignment, which is being submitted for recordation under separate cover,

hereby revokes all Powers of Attorney previously given and appoints the following attorneys/agents to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Thomas B. Ryan, Reg. No. 31,659 Edward F. Murphy, Reg. No. 38,251

Please send correspondence to Thomas B. Ryan, at Customer No. 29988.

Respectfully submitted,

29988

CORNING INCORPORATED

PATENT & TRADEMARK OFFICE

| By: | | Dated: |
|-----|--|--------|
| • | Alfred L. Michaelsen | |
| | Vice President and General Patent Counse | el . |